

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-07 17:13:46  
Date of Next Testing: 2027-09-07 17:13:46  
Product Name: **Isobutyl p-toluenesulfonate**  
CAS Number: 4873-56-7  
Specifications & Purity:  $\geq 96\%$   
Lot #: I2404534  
SKU #: **I346016**  
Version: **1**  
Analysis #: **404305**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	99.25 %
Refractive index n <sub>20</sub> /D	1.5-1.505	1.50
Appearance(I346016)	Clear colorless to pale yellow to pale brown Liquid	Clear colorless to pale yellow to pale brown Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager